

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

ARMSTRONG TEASDALE LLP

One Metropolitan Square, Suite 2600
St. Louis, Missouri 63102-2740
Phone: (314) 621-5070
Fax: (314) 621-5065
www.armstrongteasdale.com

Date: February 23, 2004

Serial Number: 10/688,754

Please Deliver To:

Attorney Docket: 130559 (12729-332)

Name: Office of Initial Patent Examination

Attn: Ms. Robinson

Firm: U.S. Patent and Trademark Office

Fax: (703) 746-9195

From: Robert B. Reeser, III

PAPERS TRANSMITTED:

Filing Receipt (2 pages)

Copy of Returned Postcard (1 page)

Request for Correction (1 page)

Copies of USPTO returned paperwork (2 pages)

Total pages including cover page: 5

If all pages are not received, please contact Robert Reeser at (314) 621-5070, ext. 7446

CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that this paper is being facsimile transmitted **FOR THE FOURTH TIME** to the U.S. Patent and Trademark Office, Facsimile Number 1-703-746-9195 on the date shown below.

Date: February 23, 2004

Robert B. Reeser, III
Registration No. 45,548

**PLEASE GIVE TO OIPE - THIS DOES NOT
GO TO THE ASSIGNMENT BRANCH. THANK YOU.**

Applicant: Stephen John Howell, et al.

Serial No.: 10/688,754

Filed: October 17, 2003

Art Unit: 3748

Atty. Dkt. No.: 130559

For: Methods and Apparatus for Attaching Swirlers to Turbine Engine Combustors

The information contained in this facsimile message is information protected by attorney-client and/or the attorney/work product privilege. It is intended only for the use of the individual named above and the privileges are not waived by virtue of this having been sent by facsimile. If the person actually receiving this facsimile or any other reader of the facsimile is not the named recipient or the employee or agent responsible to deliver it to the named recipient, any use, dissemination, distribution, or copying of the communication is strictly prohibited. If you have received this communication in error, please immediately notify us by telephone and return the original message to us at the above address via U.S. Postal Service.

*IF YOU DO NOT RECEIVE ALL PAGES, PLEASE CONTACT US IMMEDIATELY AT (314) 621-5070.

PATENT
130559

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Stephen John Howell, et al.

Serial No.: 10/688,754

Filed: October 17, 2003

For: METHODS AND APPARATUS FOR
ATTACHING SWIRLERS TO TURBINE
ENGINE COMBUSTORS

:
:
Group Art Unit: 3748
:
Examiner: Unassigned
:
:
:

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
Attn: Office of Initial Patent Examination's Filing Receipt Corrections

REQUEST FOR CORRECTION OF FILING RECEIPT

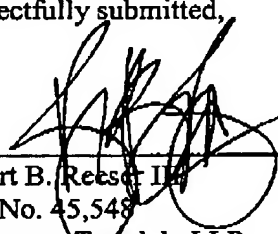
Sir:

Applicant respectfully requests that the Filing Receipt in the present application be corrected to set forth the correct title. A copy of the Filing Receipt is enclosed.

The correct title is "Methods and Apparatus for Attaching Swirlers to Turbine Engine Combustors." Please also note that the returned postcard shows an incorrect serial number. Following a telephone call to the OIPE, we have been advised that the serial number on the Filing Receipt is correct.

Applicant further requests that a new, corrected filing receipt be issued.

Respectfully submitted,



Robert B. Reeser III
Reg. No. 45,548
Armstrong Teasdale LLP
One Metropolitan Square, Suite 2600
St. Louis, MO 63012
(314) 621-5070

02/23/2004 08:15 FAX
OPR/ASSIGNMENT
02/10/2004 11:50 FAX
02/08/2004 15:32 FAX

2/17/04 12:42 PAGE 3/10 :RIGHTPAA

003/005

007/008

004/005

Page 1 of 2



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Administration
Address: Washington, DC 20590
Phone: (202) 293-2200
Fax: (202) 293-2201

APPL NO.	FILING OR 371 DATE	ART UNIT	FI FEE REC'D	ATTY DOCKET NO	DRAWINGS	TOT CLMS	INO CLMS
10/088,754	10/17/2003	3748	770	130559	4	18	3

John S. Boulick
Armstrong Teasdale LLP
Suite 2600
One Metropolitan Square
St. Louis, MO 63102

CONFIRMATION NO. 1975

FILING RECEIPT



0000000011802427

Date Mailed: 02/02/2004

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-748-8195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Stephen John Howell, West Newbury, MA;
John Carl Jacobson, Melrose, MA;
Timothy P. McCaffrey, Swampscott, MA;
Barry Francis Barnes, Malden, MA;

Domestic Priority data as claimed by applicant

Foreign Applications

Projected Publication Date: To Be Determined - pending completion of Security Review

Non-Publication Request: No

Early Publication Request: No

Title

Methods and apparatus for attaching swivels to turbine engine combustors

Preliminary Class

ENTRUSTED
Dated: 2/10/04
By: [Signature]
12729332

02/23/2004 08:15 FAX
02/10/2004 11:50 FAX
02/10/2004 11:53 FAX

2/17/04 12:42 PAGE 10/10 RIGHT FAX

004/005

005/008

005/005

Page 2 of 2

060

**LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apply themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 600+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time. If the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

02/23/2004 08:15 FAX
02/10/2004 11:50 FAX
02/08/2004 15:32 FAX

02/10/04 12:42 FAX 0/10 NIGHTFAX
02/10/04 12:42 FAX 0/10 NIGHTFAX

005/005

000E/000

003/mos

THE UNITED STATES PATENT OFFICE IS REQUESTED TO IMPRESS ITS STAMP
ON THIS CARD AND PLACE SAME IN THE OUTGOING MAIL TO SHOW THE
FOLLOWING PAPERS HAVE BEEN RECEIVED.

Attorney Docket No.: 130599 (12729-312)

Applicant: Stephen John Howell, et al

Serial No.:

Filed: October 17, 2003

For: Methods and Apparatus for Attaching Swirlers to Turbine Engine Combs

Enclosed:

Utility Patent Application Transmittal (1 page)

Fee Transmittal (1 page, in duplicate) \$770 + \$40

Specification, Claims and Abstract (14 pages)

FORMAL Drawings (4 sheets)

EXECUTED Declaration (3 pages)

Assignment and Recordation Cover Sheet (4 pages)

RJR/jeb

Mailed: October 17, 2003

EXPRESS MAIL LABEL NO. EV320646733128

22389 U.S. PTO

10/688516

101703